1	What is claimed is:
2	
3	1. A washing machine comprising:
4	a housing;
5	a tub installed in the housing to store water, the tub having at least one opening and at
6	least one pipe connected to the at least one opening;
7	a drum rotatably installed in the tub to hold a laundry therein for washing; and
8	a valve assembly installed at the opening to selectively cut off the at least one pipe to
9	prevent foam produced in the drum and the tub from leaking outside via the opening.
10	
11	2. The washing machine as claimed in claim 1, wherein the at least one opening
12	and the at least one pipe are an inlet opening for supplying the water to the tub from ar
13	external water supply source and an inlet pipe connected to the inlet opening, respectively.
14	
15	The washing machine as claimed in claim 1, wherein the at least one opening
16	and the at least one pipe are a ventilation opening for allowing an external air to flow in the
17	tub and a ventilation pipe connected to the ventilation opening, respectively.
18	
19	4. The washing machine as claimed in claim 1, wherein the valve assembly
20	comprises a valve installed in the opening to float on the foam.
21	
22	5. The washing machine as claimed in claim 1, wherein the valve assembly
23	further comprises a guide formed in the opening to guide a movement of the valve.

7 .	pening to be installed in an extension pipe connected to the at least one pipe. The washing machine as claimed in claim 4, wherein the valve is smaller ag and is greater than a diameter of the pipe.
than the openin	ng and is greater than a diameter of the pine
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8.	The washing machine as claimed in claim 1, wherein the pipe has a pipe
diameter partia	ally reduced in the vicinity of the opening to be stably cut off by the valve
assembly.	
9.	The washing machine as claimed in claim 1, wherein the pipe comprises a rib
extending inwa	ard from an inner circumference.
10.	The washing machine as claimed in claim 1, wherein the pipe is a corrugated
or bellows pipe	e having a multitude of folds.
11.	The washing machine as claimed in claim 4 or claim 5, wherein the valve
comprises a flo	pating body having a concave surface.
12.	The washing machine as claimed in claim 5, wherein the valve comprises a
shaft part exter	nding from a bottom of the floating body to be guided by the guide.
13.	The washing machine as claimed in claim 11, wherein the floating body is a
	11. comprises a flo

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14. The washing machine as claimed in claim 11, wherein the floating body further comprises a flange horizontally extending from an edge.

53 15. The washing machine as claimed in claim 12, wherein the shaft part is a hollow shaft.

16. The washing machine as claimed in claim 12, the guide comprising:

a hub holding the shaft part movably to support the bottom of the floating body; and

a plurality of ribs extending between an outer circumference of the hub and an inner

circumference of the opening.

17. The washing machine as claimed in claim 16, wherein each of the ribs is uniform in height in the vicinity of the inner circumference of the opening but gradually increases in height in the vicinity of the outer circumference of the hub.

18. The washing machine as claimed in claim 12, wherein the valve further comprises a first elastic member provided on an outer circumference of the shaft part to lie between the guide and the floating body.

19. The washing machine as claimed in claim 18, wherein a buffer protrusion is formed at a lower end of the first elastic member.

20. The washing machine as claimed in claim 12, wherein an outer

73	circumference of the shaft part is covered with a second elastic member.		
74			
75	21. The washing machine as claimed in claim 18 or claim 20, wherein the first		
76	elastic member is built in one body of the second elastic member.		
77			
78	22. The washing machine as claimed in claim 16, wherein an inner		
79	circumference of the hub is tapered by a predetermined angle.		
80			
81	23. The washing machine as claimed in claim 16, wherein an inside diameter of		
82	the hub gradually increases.		
83			
84	24. The washing machine as claimed in claim 16, wherein an inside diameter of		
85	the hub gradually increases toward a top.		
86			
87	25. The washing machine as claimed in claim 16, wherein an outside diameter of		
88	the shaft part gradually increases to be brought contact with an inside diameter of the hub.		
89			
90	26. The washing machine as claimed in claim 16, wherein an outside diameter of		
91	the shaft part gradually increases toward a top.		
92			
93	27. The washing machine as claimed in claim 4 or claim 5, wherein the valve		
94	assembly further comprises a plate member installed under the valve to cut off the opening		
95	partially.		
96			

97	28.	The wasning machine as claimed in claim 27, wherein the plate member is a
98	disc type.	
99		
100	29.	The washing machine as claimed in claim 27, wherein a size of the plate
101	member is equa	l to or greater than a cross-section of a lower end of the valve.
102		
103	30.	The washing machine as claimed in claim 27, the plate member comprising:
104	at least	one leg extending vertically from a bottom; and
105	a hook	provided at a tip of the leg to be caught on a portion of the guide.